

Abstract

Cloud computing is one of the most promising topic in IT fields nowadays. It is infected all areas of business applications and influenced the whole IT industry. Still, organizations are quiet reluctant to adopt their business in the cloud. Regardless of all its advantages, cloud adoption is still very low at an organizational landscape. There are several concerns and challenges regarding cloud computing adoption, including governance and top management lack of understanding for cloud computing.

This research aimed to examine the different factors that are expected to influence the intention of organizations to adopt cloud computing. Moreover, this research presents and discusses the drawbacks related to the transition process from on-premise systems to cloud computing services as well as how such limitations can influence the decision of adoption.

A qualitative research method has been used to examine the suggested framework before implementing the theoretical framework adoption factors on educational institute in Jordan “Sands National Academy”. As a result, the proposed cloud computing adoption framework has been approved and recommended by the interviewed experts. Furthermore, the simplicity of this framework besides the adoption detailed knowledge of aspects and factors that provided in this work are believed to be a compelling motive to encourage different organizations to migrate existing system to the cloud computing services or establish a new system on the cloud.